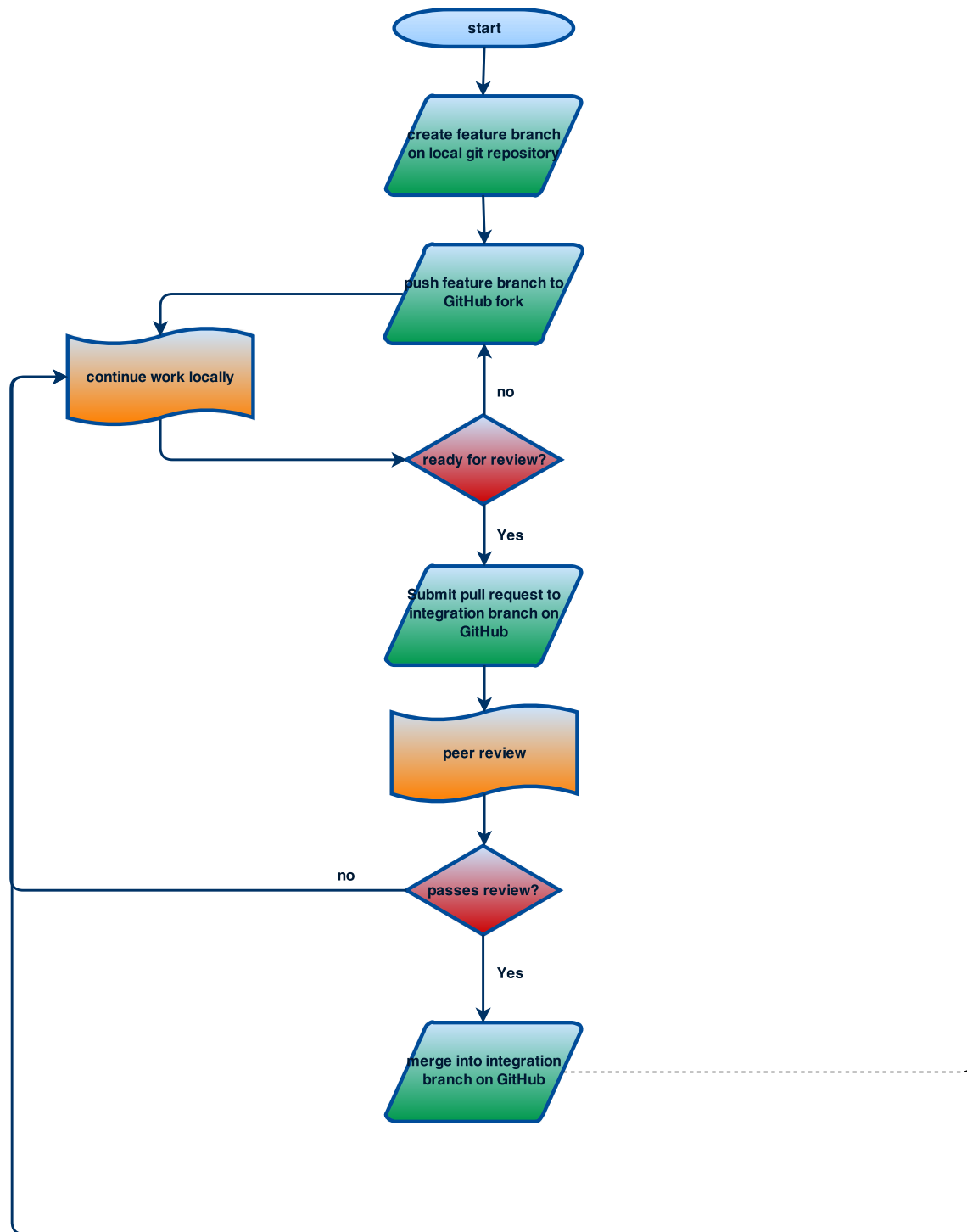# Developer Workflow

Automated Testing

start

create feature branch on local git repository

push feature branch to GitHub fork

continue work locally

ready for review?

no

Yes

Submit pull request to integration branch on GitHub

peer review

passes review?

no

Yes

merge into integration branch on GitHub

CloudBees polls integration branch on GitHub

changes?

no

yes

CloudBees pushes integration to Acquia repository

CloudBees deploys integration branch on Acquia integration environment

Automated tests via Jenkins build

passes?

no

yes

CloudBees merges integration to master

CloudBees pushes master to Acquia repository and GitHub repository

end

Jenkins Build

A Jenkins build may run the following tasks:

- Code Linting
- Drupal Code Sniffer
- PHP Mess Detector
- PHP Depend
- PHP Lines of Code
- PHP Documentation Generation
- Features Revert
- Database Updates
- PHP Unit Tests
- Behat Tests